

Comparisons of Job Characteristics

Focus Occupation: [Inspectors, Testers, Sorters, Samplers, and Weighers \(51-9061\)](#)

Associated Occupation: [Transportation Inspectors \(53-6051\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 56

Focus Occupation: Inspectors, Testers, Sorters, Samplers, and Weighers (51-9061)

Associated Occupation: Transportation Inspectors (53-6051)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Mechanical	6.8	15.1	5.4	<<	Extensive education and/or training may be required
Transportation	4.6	14.2	2.0	<<	Extensive education and/or training may be required
Public Safety and Security	6.9	12.1	5.2	<<	Extensive education and/or training may be required
Law and Government	5.9	10.4	2.2	<<	Extensive education and/or training may be required
Physics	4.3	9.1	2.9	<<	Extensive education and/or training may be required
Telecommunications	3.9	6.8	2.1	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 91

Focus Occupation: Inspectors, Testers, Sorters, Samplers, and Weighers (51-9061)

Associated Occupation: Transportation Inspectors (53-6051)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Operation Monitoring	6.6	10.1	8.0	<	A higher skill level may be required
Quality Control Analysis	5.9	10.1	7.9	<	A higher skill level may be required
Operation and Control	5.4	8.2	6.2	<<	Extensive development of skills in this area may be required
Science	4.5	7.4	3.9	<<	Extensive development of skills in this area may be required
Troubleshooting	4.5	6.9	5.5	<	A higher skill level may be required

Equipment Maintenance	3.5	5.0	1.2	<<	Extensive development of skills in this area may be required
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The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 94			
Focus Occupation: Inspectors, Testers, Sorters, Samplers, and Weighers (51-9061) Associated Occupation: Transportation Inspectors (53-6051)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Oral Comprehension	12.5	13.0	12.2	0	Current ability level may be sufficient
Oral Expression	12.4	12.5	11.9	0	Current ability level may be sufficient
Problem Sensitivity	11.1	12.2	9.2	<<	Extensive improvement in abilities may be required
Written Comprehension	11.0	11.9	10.1	<	Some improvement in abilities may be required
Near Vision	11.1	11.6	10.5	<	Some improvement in abilities may be required
Written Expression	9.8	11.3	8.1	<<	Extensive improvement in abilities may be required
Inductive Reasoning	10.2	10.8	9.0	<	Some improvement in abilities may be required
Deductive Reasoning	10.6	10.4	9.4	<	Some improvement in abilities may be required
Perceptual Speed	7.4	9.0	7.1	<	Some improvement in abilities may be required
Depth Perception	5.3	8.2	4.7	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 84
Focus Occupation: Inspectors, Testers, Sorters, Samplers, and Weighers (51-9061) Associated Occupation: Transportation Inspectors (53-6051)		
Work Activities	Exclusivity of Activity	
Communicate technical information	4	
Conduct performance testing	66	
Direct and coordinate activities of workers or staff	3	
Examine products or work to verify conformance to specifications	15	
Inspect manufactured products or materials	82	
Maintain inspection tools or equipment	95	
Maintain records, reports, or files	5	
Maintain safe work environment	81	

Mark items for acceptance or rejection, according to conformance to specifications	92
Monitor repairs or maintenance to enforce standards	92
Operate precision test equipment	81
Perform safety inspections in industrial, manufacturing or repair setting	32
Prepare reports	8
Prepare safety reports	60
Prepare technical reports or related documentation	22
Read blueprints	10
Read specifications	23
Recognize characteristics of alloys	71
Recognize characteristics of metals	62
Record test results, test procedures, or inspection data	48
Understand measuring devices	87
Understand technical operating, service or repair manuals	6
Use electrical or electronic test devices or equipment	40
Use hand or power tools	2
Use hazardous materials information	35
Use knowledge of investigation techniques	16
Use oral or written communication techniques	1

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 83

Focus Occupation: Inspectors, Testers, Sorters, Samplers, and Weighers (51-9061)
Associated Occupation: Transportation Inspectors (53-6051)

Tools and Technologies	Exclusivity
Business function specific software	1
Computers	1
Content authoring and editing software	1
Electrical measuring and testing equipment	7
Fluid mechanics equipment	11
Indicating and recording instruments	2
Industry specific software	1
Length and thickness and distance measuring instruments	2
Lifting equipment and accessories	3
Light and wave generating and measuring equipment	4
Non destructive examination equipment	13
Pressure measuring and control instruments	10
Special tooling fixtures	16
Temperature and heat measuring instruments	6
Viewing and observing instruments and accessories	4
Weight measuring instruments	7

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.